***Climate change quiz***

1.Wasting less food is a way to reduce greenhouse gas emissions.

True

False

2.Which of the following is a greenhouse gas?

CO2

CH4

Water Vapor

All of the above

3.What is the Greenhouse effect?

The name of climate change legislation that was passed by Congress

When you paint your house green to become an environmentalist

When the gases in our atmosphere trap heat and block it from escaping our planet

When you build a green house

#### 4.Which of the following are consequences associated with climate change?

Surface temperatures are setting new heat records about each year

More extreme weather like droughts, heat waves, and hurricanes

Global sea levels are rising at an alarmingly fast rate — 17 centimeters (6.7 inches) in the last century alone and going higher

All of the above

5.What can you do to help fight climate change?

Divest from fossil fuel companies

Engage yourself in the science behind climate change

Vote for political candidates who will advocate for climate-related legislation and policy improvements

All of the above

6.True or False: The overwhelming majority of scientists agree that climate change is real and caused by humans.

True

False

7. What was agreed to in the "Paris Agreement" that came out of COP-21, held in Paris in 2015?

To protect biodiversity and end the deforestation of the world’s rainforests

To keep global temperature rise well below 2℃ pre-industrial levels and to pursue a path to limit warming to 1.5℃

To limit sea level rise to 3 feet above current levels

To pursue a goal of 100% clean, renewable energy

8.Which of these countries emits the most carbon dioxide?

China

USA

UK

Russia

9.What percentage of the global greenhouse gas emissions does the transportation sector emit?

1%

14%

33%

70%

10.Globally, which of the following economic sectors emits the largest percentage of greenhouse gas emissions?

Transportation

Buildings

Industry

Electricity and heat production

***Clean energy quiz***

#### 1.Which of these countries have vowed to use only 100% renewable energy by 2050?

#### Guatemala

#### Vietnam

#### Kenya

#### All of the above

#### 2.Which country has not run completely on renewable energy for a period of time?

#### The United States

#### Denmark

#### Portugal

#### Costa Rica

#### 3.True or False: Across the globe, the coal industry is declining, while renewable energy industries are on the rise.

#### True

#### False

#### 4.Which of the following is not considered to be a source of renewable energy?

#### Hydropower

#### Wind

#### Natural gas

#### Solar

#### 5.Which of the following are negative impacts of burning fossil fuels?

#### They contribute to environmental degradation and pollution

#### They harm local communities

#### They contribute to human health problems

#### All of the above

#### 6.True or False: Using more renewable energy sources would have a larger overall land impact than non-renewable energy.

#### True

#### False

#### 7.In 2019, about how much of the United States’ energy consumption derived from renewable sources?

#### 1%

#### 11%

#### 40%

#### 70%

#### 8.Which is one of the fastest growing renewable energy sectors in the world?

#### Solar

#### Biomass

#### Geothermal

#### None of the above

#### 9.According to scientists, about how many countries could run entirely on wind, solar and water power by 2050?

#### 0 20

#### 70

#### 140

#### 10.Which US state has proposed to commit to 100% renewable energy electricity?

#### Hawaii

#### California

#### Maine

#### All of the above

***Regenerative Agriculture***

#### 1.Every year, the United States loses approximately 996 million metric tons of soil through erosion.

#### True

#### False

#### 2.Which of the following is NOT a regenerative agriculture practice?

#### Minimal tillage

#### Crop Rotation

#### Composting

#### Monoculture

#### 3.Can low input agriculture be profitable if a landowner manages a healthy regenerative farm that functions as an ecosystem?

#### Yes

#### No

#### 4.What is the practice of growing a series of different types of crops in the same area across a sequence of growing seasons? This practice reduces reliance on one set of nutrients, pest and weed pressure, and the probability of developing resistant pest and weeds

#### Crop Rotation

#### Cover crops

#### Biodiversity

#### None of the above

#### 5.What percentage of the world’s forests have been destroyed?

#### 28%

#### 33%

#### 46%

#### 54%

#### 6.Carbon dioxide is the most commonly used greenhouse gas.

#### True

#### False

#### 7.What sector is the 2nd largest contributor to human-made greenhouse gas (GHG) emissions and is a leading cause of deforestation, water and air pollution and biodiversity loss?

#### Fossil fuels industry

#### Animal Agriculture

#### Solar and Wind

#### Transportation

#### 8.What type of farming is defined by the creation of beneficial ecological outcomes?

#### Conventional

#### Organic

#### Regenerative

#### Organic and Regenerative

#### 9.Which of the following pesticides are banned in other countries but not the U.S.?

#### Glyphosate

#### Atrazine

#### Paraquat

#### All of the above

#### 10.What percentage of food globally is wasted annually?

#### 1/3

#### 1/4

#### 1/8

#### 1/5

***Sustainable Fashion***

#### 1.What percentage of total global greenhouse gas emissions are produced by the fashion industry?

#### Less than 1%

#### 5%

#### 10%

#### 15%

#### 2.The fashion industry contributes to environmental degradation in which of the following ways?

#### Deforestation

#### Desertification and degradation of soil

#### Loss of biodiversity

#### All of the above

#### 3.How many liters of water does it take to make 1 pair of jeans?

#### 52 liters

#### 476 liters

#### 1,028 liters

#### 3,781 liters

#### 4.What percentage of clothing is recycled?

#### 50%

#### 33%

#### 10%

#### Less than 1%

#### 5.What does greenwashing in fashion refer to?

#### Washing clothing in environmentally friendly ways

#### Claims of environmental sustainability by a brand that are false or misleading

#### Using natural fabric dyes

#### Lying to people around you that something you bought was secondhand when it wasn’t

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#### 6.Which of the following fabrics releases microplastics when it's washed?

#### Polyester

#### Cotton

#### Linen

#### Silk

#### 7.Which statistic about garment factory workers is incorrect?

#### Fashion is the 2nd biggest contributor to modern slavery

#### Garment factory workers in Bangladesh earn approximately $95 per month, yet the living wage is $443

#### 170 million children are engaged in child labor, much of which is textile and garment production

#### None of the above

#### 8.What is the average number of times a woman wears an article of clothing?

#### Over 30 times

#### 20-30 times

#### 7-10 times

#### 2-5 times

#### 9.Which of the following is not an example of shopping sustainably?

#### Buying new clothing to match seasonal trends

#### Shopping at thrift stores

#### Buying few, high-quality items that will last

#### Picking garments made from natural fibers like cotton

#### 10.Instead of throwing out unwanted clothing and contributing to textile waste, what can you do instead?

#### Donate them to charities and shelters

#### Repurpose them as rags

#### Repair or alter them into something wearable, like cutting jeans into shorts

#### All of the above

## ***environmental literacy***

#### 1.Which day is Earth Day?

#### April 22

#### December 21

#### August 12

#### October 31

#### 2.Which was the first book to set the stage for society to change in becoming more environmentally aware?

#### The Lorax by Dr. Seuss

#### The Omnivore's Dilemma by Michael Pollan

#### Silent Spring by Rachel Carson

#### Population Bomb by Paul Ehrlich

#### 3.True of False: The idea for Earth Day came from Gaylord Nelson.

#### True

#### False

#### 4.True or False: Throughout its history, Earth Day has only been supported by Democrats.

#### True

#### False

#### 5.By the end of 1970, the year of the first Earth Day, the Environmental Protection Agency (EPA) was created. Which of the following acts was NOT passed that same year?

#### Clean Air Act

#### Clean Water Act

#### Endangered Species Act

#### Marine Mammal Protection Act

#### 6.True or False: Earth Day is the one and only day during the year that you should care about the environment and act to protect it.

#### True

#### False

#### 7.True or False: In 2016, the Paris Agreement was signed on Earth Day

#### True

#### False

#### 8.True or False: In the USA, There are comprehensive, national standards regarding environmental education.

#### True

#### False

9.Which of these statements is false?

Environmental education increases public awareness and knowledge

Environmental education advocates a particular viewpoint

Environmental education teaches individuals critical thinking skills

Environmental education enhances an individual's problem solving and decision making skills

10.What was the purpose of the National Environmental Education Act passed by Congress in 1990?

To require that the United States Environmental Protection Agency be a leader in promoting environmental literacy

To establish the Office of Environmental Education

Both a and b

None of the above